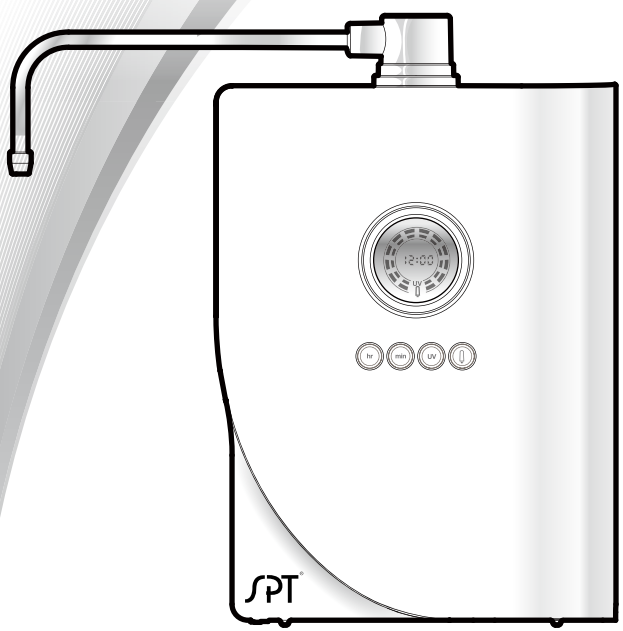

UV WATER PURIFIER

T1-2011A user manual

Thank you for your purchase of this new SUNPENTOWN product. Please read thoroughly and retain this manual for future references.

CAUTION:

1. This appliance is intended for household only.
2. Never operate this unit if the cord is damaged. In case of damage, the cord must be replaced by the manufacturer, an authorized service agency or a similarly qualified electrician.
3. Close supervision is necessary when this item is used by or near children.
4. The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety.

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1 IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions before using this product.Save these instructions for easy reference.When using electrical appliances basic precautions should always be followed to reduce breakage, risk of fire,electric shock and injury to persons including the following:

- Read all instructions before operating the water purifier.
- Place the water purifier where it is not easily knocked over by persons in the household.
- ALWAYS unplug water purifier when replacing cartridges or servicing.
- DO NOT use any product with a damaged cord or plug, or if product malfunctions, is dropped or damaged in any manner.
- Keep the power cord away from heated surfaces.
- DO NOT use water purifier outdoors.
- DO NOT expose the water purifier to rain.
- NEVER use the water purifier unless it is fully assembled.
- DO NOT run power cord under carpets and DO NOT cover with throw rugs. Arrange cord so it will not be tripped over.
- DO NOT use water purifier where combustible gases or vapors are present.
- To disconnect water purifier, first press Power Button to turn water purifier OFF and remove plug from outlet.
- DO NOT allow foreign objects to enter water purifier, as this may cause electric shock or damage to the water purifier.
- Place water purifier near a power outlet and avoid using an extension cord. Keep a safety distance between water purifier and the source of water to prevent electric shock.
- DO NOT block water outlets or intakes.
- The water purifier has a polarized plug (one blade is wider than the other). To reduce the risk of shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact qualified personnel to install the proper outlet. DO NOT try to alter the plug in any way.
- A loose fit between the plug and the AC outlet (receptacle) may cause overheating and distortion of the plug. Contact a qualified electrician to replace loose or worn receptacles.
- DO NOT sit, stand on, or place heavy objects on the water purifier.
- For the first time of operation, let the water run for 5 min before drinking.

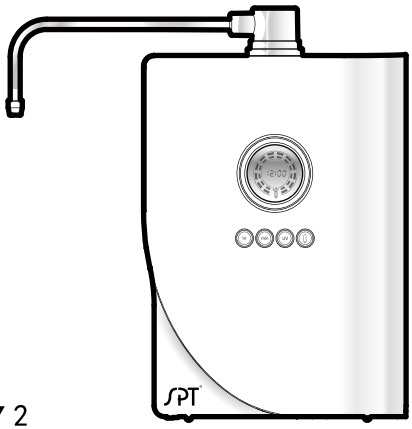
WARNING! To reduce the risk of fire or electric shock, DO NOT use this product with any solid–state speed control device.

2 PART LIST

Your package should include the following items:

1. One T1–2011A UV water purifier
2. One 2011A–CBN Carbon cartridge (installed)
3. One 2011A–UV UV cartridge (installed)
4. One set of water divider and a pipe

▼1



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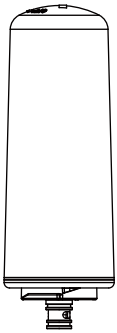

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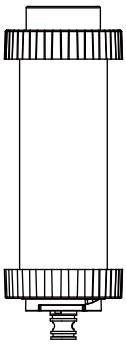

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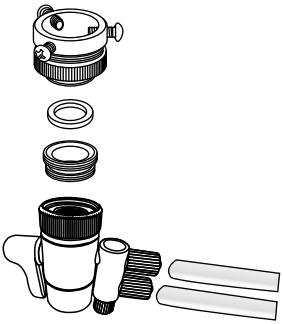
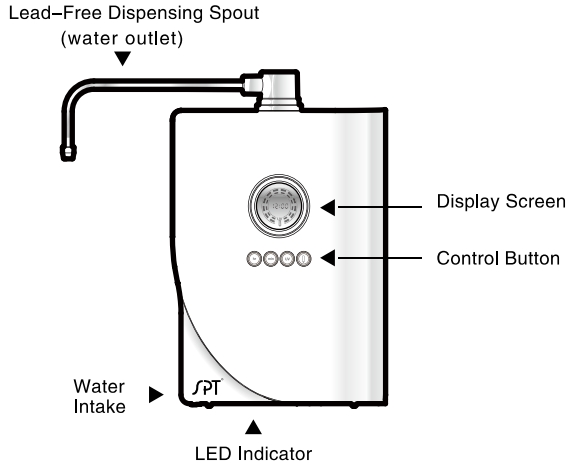


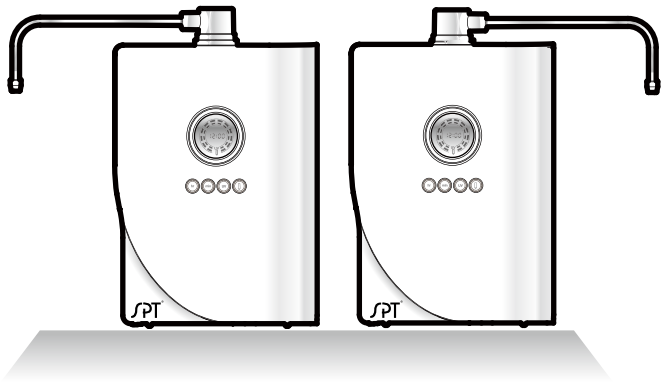
3 CONSTRUCTION



Under standby mode, the LED indicator illuminates blue.

— When dispensing, LED indicator first turns red, indicating that water is being purified.

— After a second or so, LED indicator will turn to a brighter blue, indicating water dispensed is purified and qualified for drinking.



The spout is rotatable.

4 INSTALLATION OF THE WATER DIVIDER

The water divider is composed of several small parts; depending on the faucet construction, not all parts may be required:

a. main body

b. pipe holes

c. pipe fastener

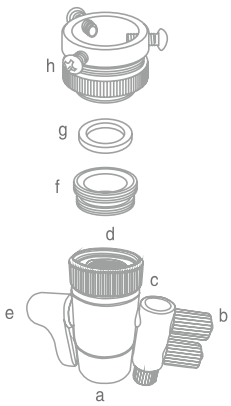
d. faucet connector

e. water switch

f. adapter

g. washer

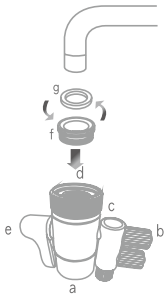
h. multi–purpose faucet connector



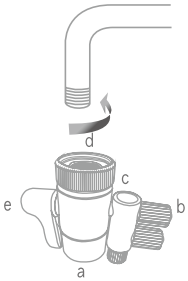
ATTENTION: Please make sure the aerator is removed from the faucet before installing the water divider. Please remove the old washer of the aerator as well.

Install the water divider with adapter

1. If the faucet is constructed with female thread (interior threaded), the adapter from the water divider pack will need to be applied. i, install the adapter to the faucet connector by rotating until secure. ii, place the washer on top of the adapter. iii, finish this installation by installing the assembled water divider to the faucet. (Figure A)



A.
Install with a female thread faucet



B.
Install with a male thread faucet

2. If the faucet is constructed with male thread (exterior threaded), then you may be able to directly install the water divider with the faucet connector. (Figure B)

Install the water divider with multi–purpose faucet connector

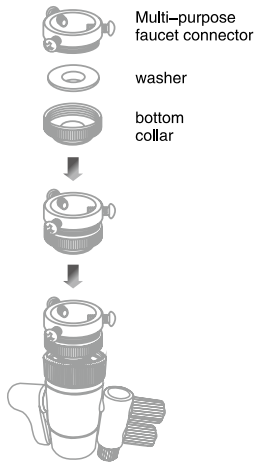
1. Loosen the 3 screws from the multi–purpose faucet connector but do not remove them. Rotate the bottom collar 360° clockwise to slightly release it.

2. Install the connector to the faucet,make sure the washer of the connector clings to the mouth of faucet tightly.

3. Tightly fasten the 3 screws towards the faucet.

4. Rotate the bottom collar counter–clockwise to tightly fasten it with the connector.

5. Install the water divider to the assembled connector and rotate counter–clockwise to fasten.



5 INSTALLATION OF THE WATER PURIFIER

Once the water divider is installed, you will need to proceed installing the pipe running between the water divider and the water purifier.

1. The attached white pipe is about 79" long, please cut it into a more proper length before install to optimize the water flow.

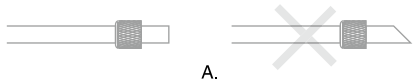
2. Release the pipe fastener from the divider and place it at the end of the pipe.

3. Tightly install the pipe to the pipe hole of the divider and then secure the pipe fastener.

4. After connecting the pipe to the water divider, make sure you connect the other end to the water purifier.

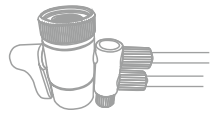
5. Tightly install the pipe to the water intake of the purifier. The water intake is right under the SPT logo of the unit.

NOTICE:



A.

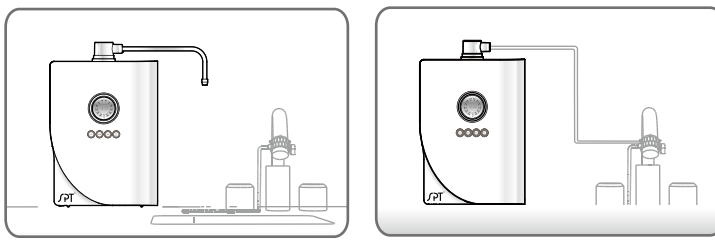
Make sure you give the pipe a neat cut if you need to adjust the length. Place the pipe fastener to the end of the pipe and secure them to the water divider.



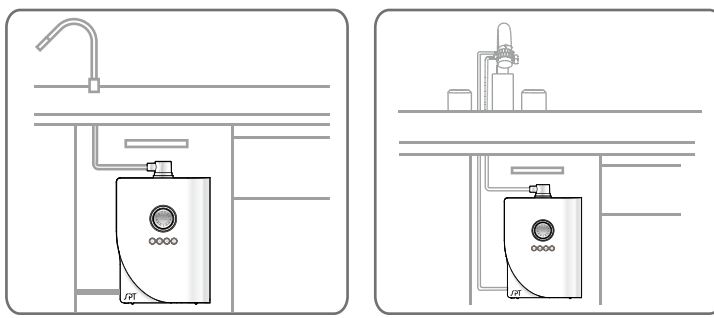
B.

Connect the upper pipe hole with the water intake of the purifier if you are going to use the unit's spout to dispense water. Connect the second pipe hole with the water outlet of the purifier if you want the purified water to come out from the faucet.

DEMONSTRATION:

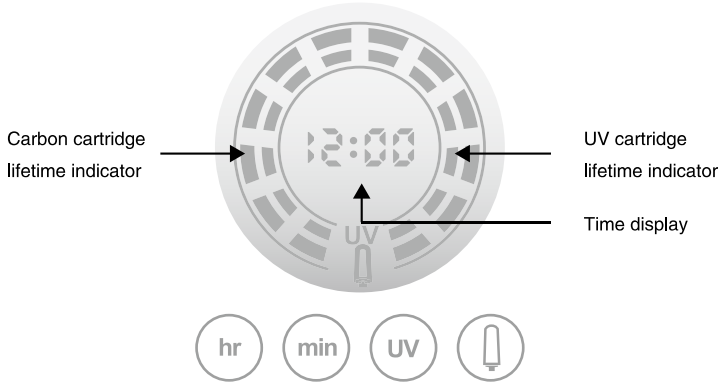


Countertop installation



Undersink installation

6 OPERATION



Carbon cartridge lifetime indicator:

1. Total 12 bars (outer circle).
2. Each bar represents one month or 1,000L of usage (which every comes first).
3. For example, when 2 of the indicating bars faded, it means the carbon cartridge has either been used for 2 months or had filtered more than 2,000L of water.
4. The carbon cartridge should be immediately replaced when the LED indicator has turned red and all life bars have faded.

UV cartridge lifetime indicator:

1. Total 12 bars (inner circle).
2. Each bar represents one month.
3. For example, when 2 of the indicating bars faded, it means the UV cartridge has been used for 2 months.
4. System automatically checks the UV cartridge condition. All bars will fade when total purified consumption has been reached before end of 12 months.

Time display: Adjustable time display in 24H format.

1. hr Hour setting button:

2. min Minute setting button:

3. UV UV cartridge reset button: After UV cartridge replacement, press and hold the reset button for 3 seconds will re–start the lifetime calculation of the UV cartridge.

4. Carbon cartridge reset button: After carbon cartridge replacement, press and hold the reset button for 3 seconds will re–start the lifetime calculation of the carbon cartridge.

7 REPLACING FILTERS

To ensure quality and healthy water is continuously provided for daily drinking, the filter cartridges should be replaced as instructed.

● Replacing Carbon cartridge:

The carbon cartridge should be replaced: 1) at least once a year or 2) after 12,000L of usage; which ever comes first. The carbon cartridge should be replaced immediately when the LED indicator has turned red and all life bars have faded.

Remove used cartridge

1. Unplug the water purifier
2. Remove rear panel.
3. Turn the cartridge 90° counter–clockwise to remove.

Install new cartridge

1. Insert new UV cartridge to base and turn 90° clockwise to secure.
2. Replace the rear panel.
3. Plug in the unit
4. Press and hold the carbon cartridge reset button for 3 seconds to re–start the lifetime calculation.

● Replacing UV cartridge:

The UV cartridge should be replaced: 1) at least once a year or 2) immediately when the LED indicator has turned red and all life bars have faded; which ever comes first.

Remove used cartridge

1. Unplug the water purifier
2. Remove rear panel.
3. Release the power connector connecting the UV cartridge and base.
4. Turn the cartridge 90° counter–clockwise to remove.

Install new cartridge

1. Insert new UV cartridge to base and turn 90° clockwise to secure.
2. Connect the power connector from the UV cartridge to the cord from the base. Turn the connector clockwise to secure.
3. Replace the rear panel.
4. Plug in the unit
5. Press and hold the UV cartridge reset button for 3 seconds to re–start the lifetime calculation.

Note: The water purifier will only operate when rear panel is properly installed.

8 SPECIFICATION

- Model：T1–2011A
- Input voltage：AC 120V / 60Hz
- Power consumption ：0.6W at standby, 14W at operation
- Recommended water temperature：5 ~ 50° C (44 ~ 121° F)
- Recommended water pressure：14 ~ 125 psi (0.98 ~ 8.8 kg/cm2)
- Min. purified water flow rate：1.9 LPM
- Max. purified water flow rate：5.7 LPM
- Unit dimension：11.61 x 4.69 x 15 in
- Weight：9.26 lbs

9 REPLACEMENT PARTS

- Replacement Carbon cartridge ： 2011A–CBN
- Replacement UV cartridge：2011A–UV

10 TROUBLE SHOOTING

Q: Why my T1–2011A shows red light and the UV cartridge life bars have all faded for the first use?

A: Please press and hold the UV cartridge reset button for 3 seconds and the LED light should return to light blue, as well all the 12 life bars of the UV cartridge will be back.

Q: Why there is no water come out from my T1–2011A after installation?

A: 1. Please make sure your water divider has been switched to correct direction.

2. Make sure you have turned on the faucet.

3. Please review and make sure the water purifier is correctly installed per the manual described.

Q: Why is it leaking?

A: 1. Please make sure the washer that connects the water divider and the faucet has been properly assembled.

2. Make sure the water inlet / outlet pipes have been properly installed.

3. Make sure there are no cracks on the pipe.

4. Make sure both ends of the pipe were neat cut, no askew.

11 YOUR GUARANTEE

If this product is found to be faulty as a result of faulty materials or workmanship within one year from date of purchase, it will be repaired free of charge.

This guarantee is subject to the following terms:

- Sunpentown must be notified of the fault.
- Proof of purchase must be presented to Sunpentown's nominated representative.
- The warranty will be void if the product is modified, misused or repaired by an unauthorized person.
- The warranty after repair will not be extended beyond the original one–year period.
- All replacement parts will be new or reconditioned.
- Parts, which are replaced, become the property of Sunpentown.
- The warranty applies for the use of the product in the USA only.

What is NOT COVERED:

- Warranty does not include freight charges.
- Incidental or consequential damage caused by possible defects with this product.
- Damage to product caused by improper power supply voltage, accident, fire, floods or acts of nature.
- Failure of product resulting from unauthorized modifications to the product.
- Improper installation or failure to perform the necessary maintenance.

This GUARANTEE is in addition to your Statutory Rights

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